

REMARKS

Reconsideration of this application is respectfully requested.

Previously allowed claims 3 and 9 have been amended to self-standing independent allowed format.

The Examiner is thanked for the helpful explanation in response to applicant's earlier arguments. In view of the Examiner's indication that the rejected claims need to be further amended to present more definite language, an accompanying RCE is filed in conjunction with the above amendment to independent claims 1, 6 and 11. Accordingly, entry of the above amendment and consideration of these amended claims is respectfully requested.

The rejection of claims 1, 2, 4-8, 10 and 11 under 35 U.S.C. §102 as allegedly anticipated by Katseff et al '796 is respectfully traversed.

As already noted in the record, applicant's invention is believed to be patentably distinct from Katseff. Instead of repeating those earlier points, the Examiner is respectfully referred to applicant's earlier remarks.

The rejected independent claims are now further amended to require the second (dynamic) server computer to run a program for transforming data which program is referred to by an address within a data store connected to the computer network from

where the computer program is available for downloading by server computers connected to the computer network. This even more clearly distinguishes from any possible Katseff teaching or suggestion.

The invention as set forth in applicant's now amended claims give rise to considerable advantages. For example, transmitted data may be compressed or "tunnels" may automatically be set up (e.g., see applicant's second description exemplary embodiment) easily and quickly at appropriate servers in the computer network with appropriate levels of security for the server owners when the proxylet programs are implemented in a language such as JAVA in accordance with applicant's preferred exemplary embodiment.

Accordingly, this entire application is now believed to be in allowable condition and a formal Notice to that effect is respectfully solicited.

Attached hereto is a marked-up version of the changes made to the claims by the current amendment. The attached page(s) is captioned "**Version With Markings To Show Changes Made.**"

FRY et al

Serial No. 09/088,727

Respectfully submitted,

NIXON & VANDERHYE P.C.

By: Larry S. Nixon
Larry S. Nixon
Reg. No. 25,640

LSN:vc

1100 North Glebe Road, 8th Floor

Arlington, VA 22201-4714

Telephone: (703) 816-4000

Facsimile: (703) 816-4100

VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS

3. (Twice Amended) A method [as in claim 2,] of transmitting data from a first server computer to a client computer, the method comprising:
- transmitting data from the first server computer to a second server computer in a first encoding format,
- transforming said data from said first encoding format to a second encoding format at the second server computer without substantially changing the information content of said data; and
- transmitting the transformed said data in said second encoding format to the client computer from the second server computer;
- wherein said data is transmitted from the first server computer to the second server computer using a first transport protocol and the transformed data is transmitted from the second server computer to the client computer using a second transport protocol; and
- wherein said data is transmitted by the first computer server to the second computer server using Transport Control Protocol, the data is transformed by the second server and the transformed data is transmitted to the client computer using User Datagram Protocol.
9. (Twice Amended) A dynamic proxy server computer [as in claim 8],

said dynamic proxy server computer being located in a communications network
such that it is in a communications route intermediate a server computer and a client
computer,

the dynamic proxy server computer being configured to receive data transmitted in
a first data format from said server computer, to transform received data to a second data
format from said first data format without substantially changing the information content
of said data and to transmit the transformed said data to the client computer in said
second data format;

wherein the transforming performed by the dynamic proxy server computer is
determined by the content of a protocol downloaded from a third server computer;

wherein the dynamic proxy server computer is configured to receive data
transmitted from the server computer using a first transport protocol and to transmit the
transformed data to the client computer using a second transport protocol; and

wherein[:] the data is transmitted by the first computer server to the dynamic
proxy server computer using Transport Control Protocol, the data is transformed by the
dynamic proxy server computer and the transformed data is transmitted to the client
computer using User Datagram Protocol.

Amend independent claims 1, 6 and 11 as shown below:

1. (Twice Amended) A method of transmitting data from a first server
computer to a client computer via a computer network, the method comprising [the steps
of]:

requesting a second server computer to run a program for transforming data, which program is referred to by an address within a data store connected to the computer network from where the computer program is available for downloading by server computers connected to the computer network;

requesting the first server computer to transmit the data to said second server computer;

transmitting data from the first server computer to [a] the second server computer in a first encoding format,

transforming said data from said first encoding format to a second encoding format at the second server computer [without substantially changing the information content of said data]; and

transmitting the transformed said data in said second encoding format to the client computer from the second server computer.

6. (Twice Amended) A dynamic proxy server computer,
said dynamic proxy server computer being located in a [communications] computer network such that it is in a communications route intermediate a server computer and a client computer,

said dynamic proxy server computer being configured to run a program for transforming data, which program is referred to by an address within a data store connected to the computer network from where the computer program is available for downloading by server computers connected to the computer network;

the dynamic proxy server computer being configured to receive data transmitted in a first data format from said server computer, to transform received data to a second data format from said first data format [without substantially changing the information content of said data] and to transmit the transformed said data to the client computer in said second data format.

11. (Twice Amended) A [communications] computer network comprising:

a World Wide Web server,

a client computer, and

at least one dynamic proxy server computer,

the dynamic proxy server computer being located between the World Wide Web server and the client computer,

said dynamic proxy server computer being configured to run a program for transforming data, which program is referred to by an address within a data store connected to the computer network from where the computer program is available for downloading by server computers connected to the computer network;

the dynamic proxy server computer being arranged to transform data transmitted from the World Wide Web server to the client computer from one format to another [without substantially changing the information content of said data].